

IDS - 07/25/2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10698324
Filing Date		2003-10-31
First Named Inventor	Xuedong D. Huang	
Art Unit	2683	
Examiner Name	D. C. Le	
Attorney Docket Number	M61.12-0586	

U.S.PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
DL	1	6408081	B1	2002-06-18	Boesen	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S.PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
DL	1	20010027121	A1	2001-01-04	Boesen	
	2	20020057810	A1	2002-05-16	Boesen	
	3	20020075306	A1	2002-06-20	Thompson et al.	
	4	20020181669	A1	2002-12-05	Takatori et al.	
	5	20020196955	A1	2002-12-26	Boesen et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10698324
Filing Date		2003-10-31
First Named Inventor	Xuedong D. Huang	
Art Unit	2683	
Examiner Name	D. C. Le	
Attorney Docket Number	M61.12-0586	

DL	6	20040092297	A1	2004-05-13	Huang	
	7	20060008256	A1	2006-01-12	Khedouri et al.	
	8	20060009156	A1	2006-01-12	Hayes et al.	
	9	20060072767	A1	2006-04-06	Zhang et al.	
DL	10	20060079291	A1	2006-04-13	Granovetter et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
DL	1	19917169	DE	A1	2000-11-02	Kamecke-Keller		<input type="checkbox"/>
	2	0133650	EP	B1	1987-10-28	Heider		<input type="checkbox"/>
	3	1569422	EP	A2	2005-08-31	Huang et al.		<input type="checkbox"/>
DL	4	02098169	IB	A1	2002-12-05	Burnett		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698324
Filing Date	2003-10-31
First Named Inventor	Xuedong D. Huang
Art Unit	2683
Examiner Name	D. C. Le
Attorney Docket Number	M61.12-0586

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
DL	1	http://www.snaptrack.com/ (2004)	<input type="checkbox"/>
	2	http://www.misumi.com.tw/PLIST.ASP?PC.ID:21 (2004)	<input type="checkbox"/>
	3	http://www.wherifywireless.com/univLoc.asp (2001)	<input type="checkbox"/>
	4	http://www.wherifywireless.com/prod.watches.htm (2001)	<input type="checkbox"/>
	5	Microsoft Office, Live Communications Server 2003, Microsoft Corporation, pp. 1-10,	<input type="checkbox"/>
	6	Shoshana Berger, http://www.cnn.com/technology , "Wireless, wearable, and wondrous tech," 1/17/03.	<input type="checkbox"/>
	7	http://www.3G.co.uk , "NTT DoCoMo to Introduce First Wireless GPS Handset," 03/27/03.	<input type="checkbox"/>
	8	"Physiological Monitoring System 'Lifeguard' System Specifications," Stanford University Medical Center, National Biocomputation Center, 11/8/02.	<input type="checkbox"/>
	9	Nagl, L., "Wearable Sensor System for Wireless State-of-Health Determination in Cattle," Annual International Conference of the Institute of Electrical and Electronics Engineers' Engineering in Medicine and Biology Society, 2003.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10698324
Filing Date		2003-10-31
First Named Inventor	Xuedong D. Huang	
Art Unit	2683	
Examiner Name	D. C. Le	
Attorney Docket Number	M61.12-0586	

DL	10	Asada, H. and Barbagelata, M., "Wireless Fingernail Sensor for Continuous Long Term Health Monitoring," MIT Home Automation and Healthcare Consortium, Phase 3, Progress Report No.3-1, April 2001.	<input type="checkbox"/>
	11	Kumar, V., "The Design and Testing of a Personal Health System to Motivate Adherence to Intensive Diabetes Management," Harvard-MIT Division of Health Sciences and Technology, pp. 1-66, 2004.	<input type="checkbox"/>
	12	Copy of European Search Report from Appln No: 05107921.8, filed August 30, 2005.	<input type="checkbox"/>
	13	M. Graciarena, H. Franco, K. Sonmez, and H. Bratt, "Combining Standard and Throat Microphones for Robust Speech Recognition," IEEE Signal Processing Letters, vol. 10, no. 3, pp. 72-74, March 2003.	<input type="checkbox"/>
	14	P. Heracleous, Y. Nakajima, A. Lee, H. Saruwatari, K. Shikano, "Accurate Hidden Markov Models for Non-Audible Murmur (NAM) Recognition Based on Iterative Supervised Adaptation," ASRU 2003, St. Thomas, U.S. Virgin Islands, Nov. 20-Dec. 4, 2003.	<input type="checkbox"/>
	15	O.M. Strand, T. Holter, A. Egeberg, and S. Stensby, "On the Feasibility of ASR in Extreme Noise Using the PARAT Earplug Communication Terminal," ASRU 2003, St. Thomas, U.S. Virgin Islands, Nov. 20-Dec. 4, 2003.	<input type="checkbox"/>
	16	Zhang et al., "Multi-Sensory Microphones For Robust Speech Detection, Enchantment, and Recognition," ICASSP 04, Montreal, May 2004.	<input type="checkbox"/>
	17	Bakar, "The Insight of Wireless Communication," Research and Development, Student Conference on July 2002.	<input type="checkbox"/>
	18	European Search Report from Application No. 05108871.4, filed September 26, 2005.	<input type="checkbox"/>
	19	Application No. 11/156,434, filed June 20, 2005, entitled "MULTI-SENSORY SPEECH ENHANCEMENT USING A CLEAN SPEECH PRIOR".	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698324
Filing Date	2003-10-31
First Named Inventor	Xuedong D. Huang
Art Unit	2683
Examiner Name	D. C. Le
Attorney Docket Number	M61.12-0586

EXAMINER SIGNATURE

Examiner Signature	/Danh Le/	Date Considered	08/08/2006
--------------------	-----------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.